Groundwater Statistics Tool
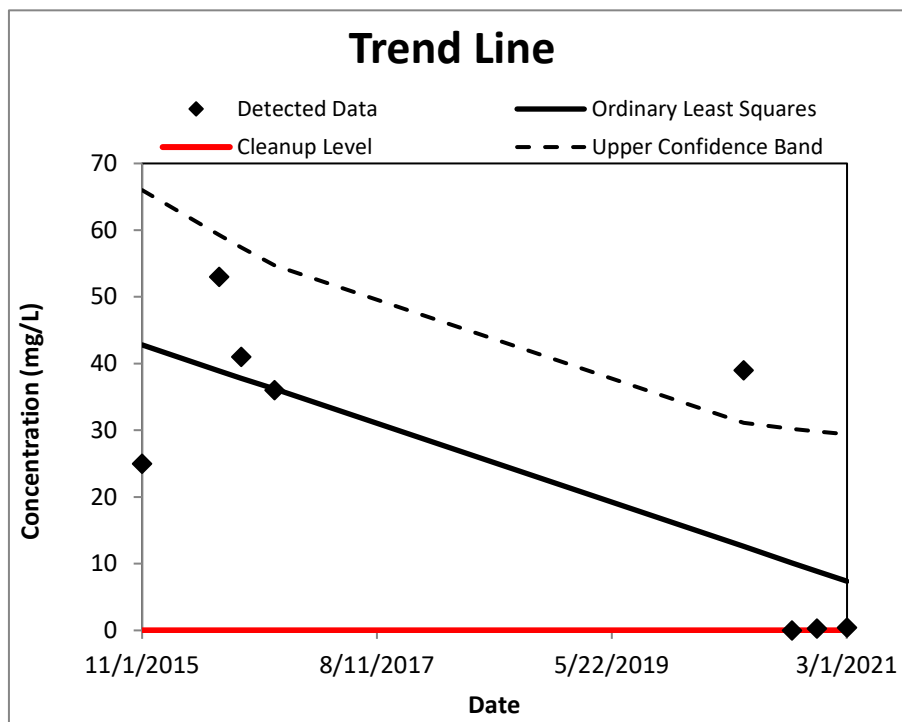
UCL calculations and summary statistics for data sets that are normally distributed

Site Name	Nova
Operating Unit (OU)	Raccoon Creek Area
Type of Evaluation	Attainment
Date of Evaluation	7/21/2021
Person performing analysis	0

Chemical of Concern	benzene
Well Name/Number	MW159
Date Units	Date
Concentration Units	mg/L

Confidence Level	95%
Number of results	8
Number < cleanup level	0
Are any potential outliers present?	No
Mean of concentration	24.3
Standard deviation of concentration	21.4
t-value for UCL calculation	1.895

95% Upper Confidence Limit (UCL)	38.6
Method for calculating UCL	Student's t UCL
Value of 95% Upper Confidence Band value at final sampling event	29.4
Trend calculation method	Ordinary Least Squares
Cleanup level	0.005
Source of cleanup level	MCL
Is the trend decreasing or statistically insignificant?	**Yes**

When is the concentration predicted to exceed the MCL?	Not applicable - slope is not statistically increasing
Message: None.	